

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073040.D
 Acq On : 16 May 2022 17:37
 Operator : VA/SY
 Sample : N2816-20
 Misc : 4.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS012-0006-01

Quant Time: May 17 03:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	300772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	551307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	509157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	177062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165530	42.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.800%
35) Dibromofluoromethane	7.909	113	181173	46.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.580%
50) Toluene-d8	10.332	98	648560	46.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.620	95	201840	38.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.940%

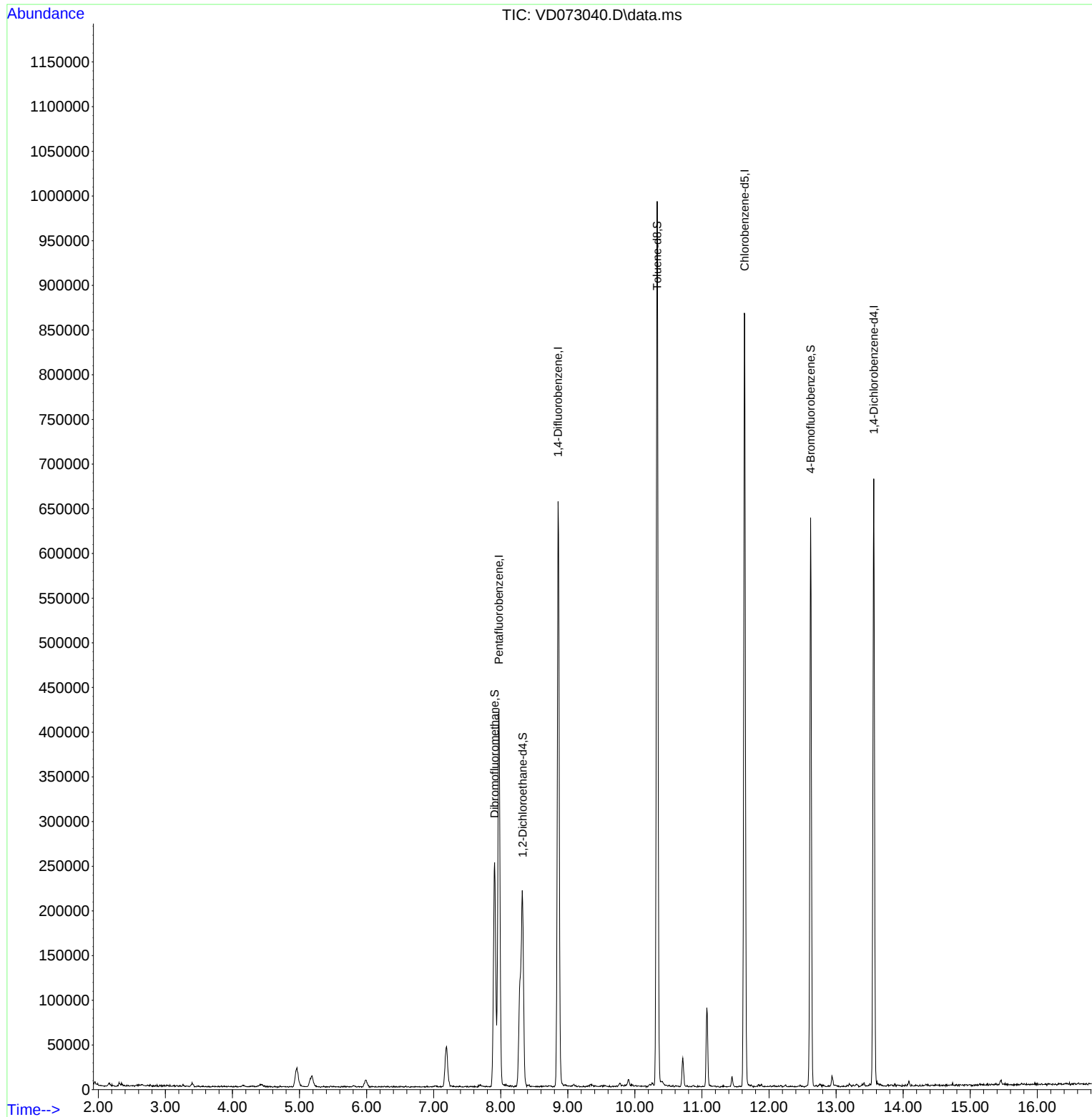
Target Compounds	Qvalue

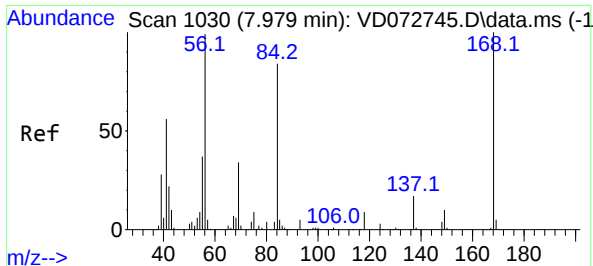
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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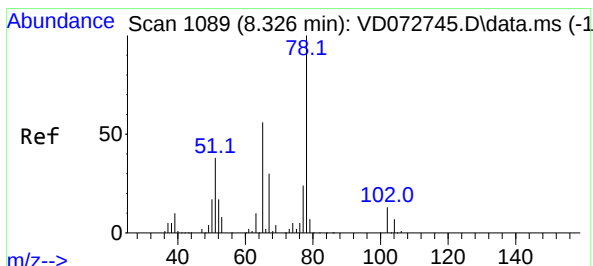
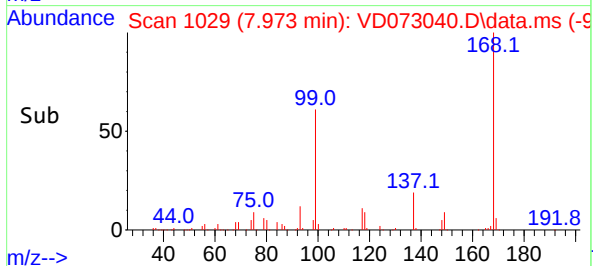
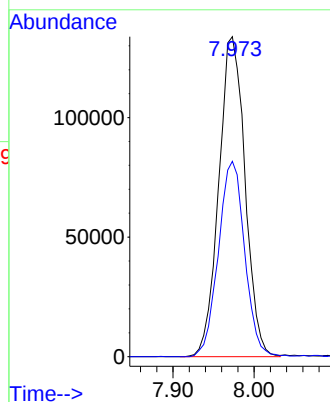
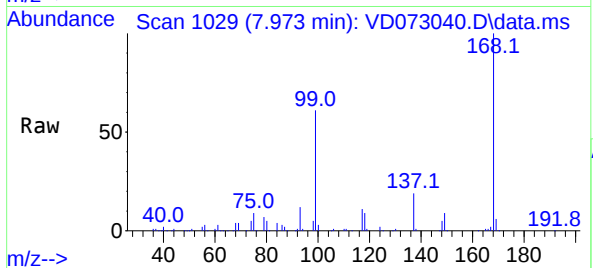




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073040.D
Acq: 16 May 2022 17:37

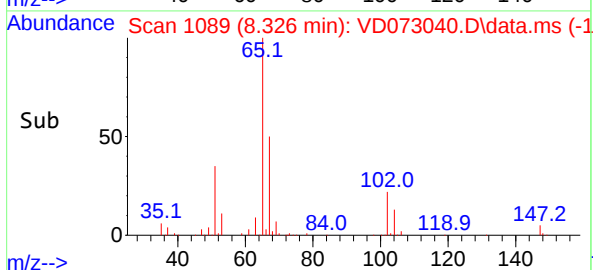
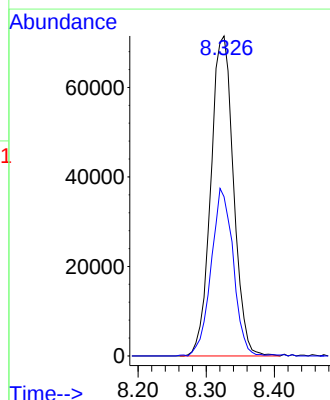
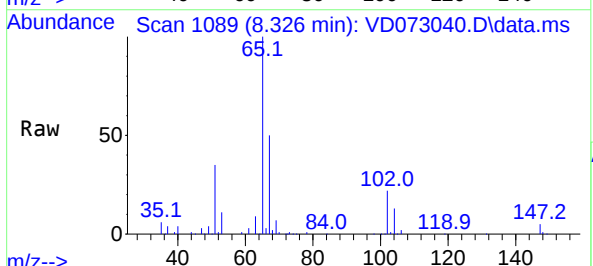
Instrument :
MSVOA_D
ClientSampleId :
P007-SS012-0006-01

Tgt Ion:168 Resp: 300772
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.397 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073040.D
Acq: 16 May 2022 17:37

Tgt Ion: 65 Resp: 165530
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD073040.D

Acq: 16 May 2022 17:37

Instrument :

MSVOA_D

ClientSampleId :

P007-SS012-0006-01

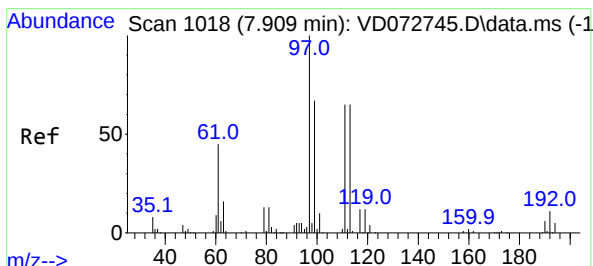
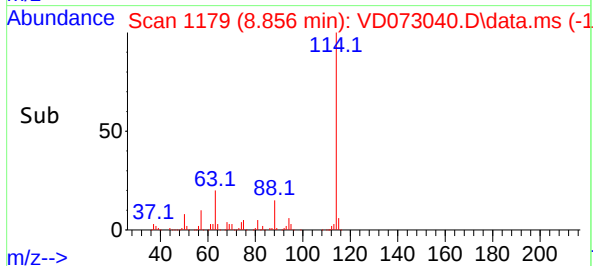
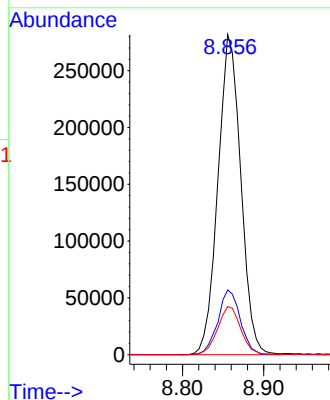
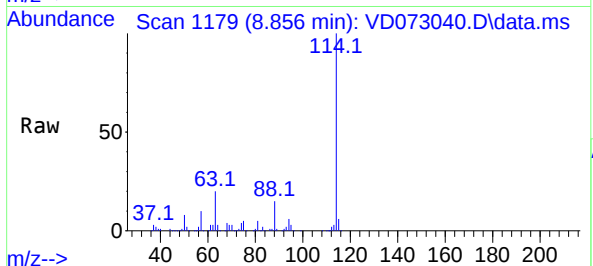
Tgt Ion:114 Resp: 551307

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.792 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073040.D

Acq: 16 May 2022 17:37

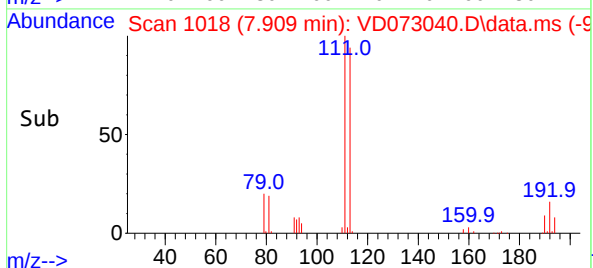
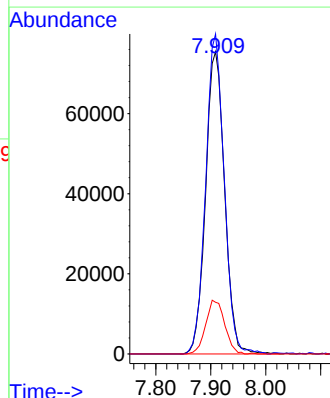
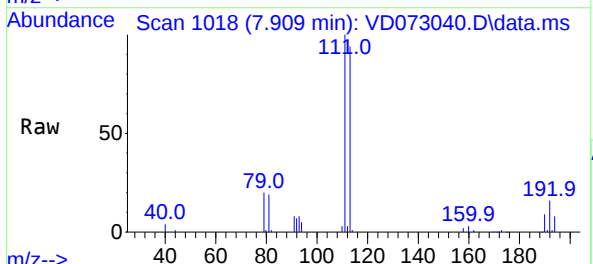
Tgt Ion:113 Resp: 181173

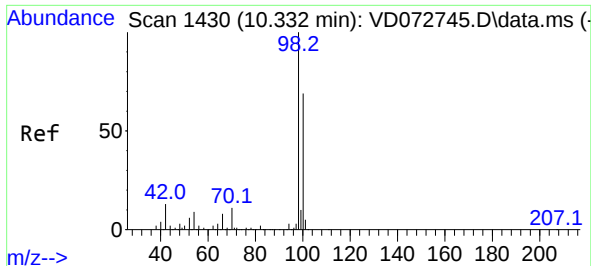
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 17.7 14.6 21.8

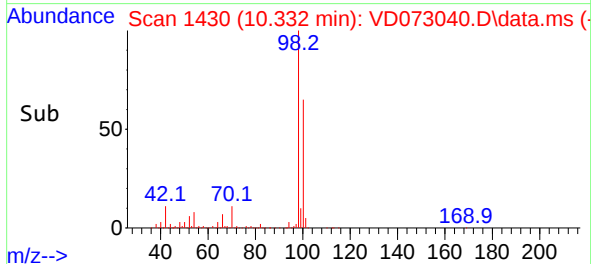
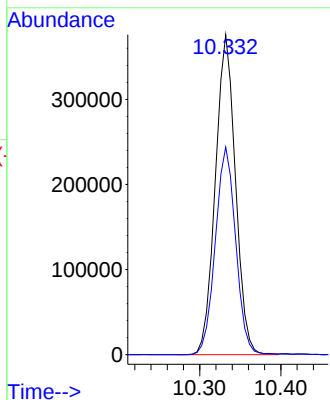
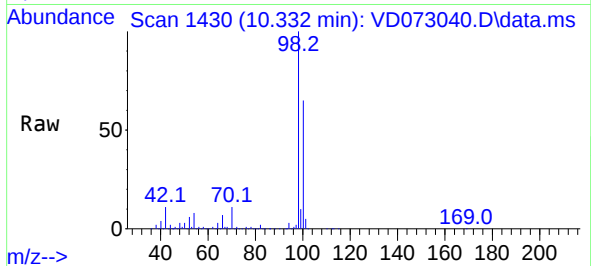




#50
Toluene-d8
Concen: 46.696 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073040.D
Acq: 16 May 2022 17:37

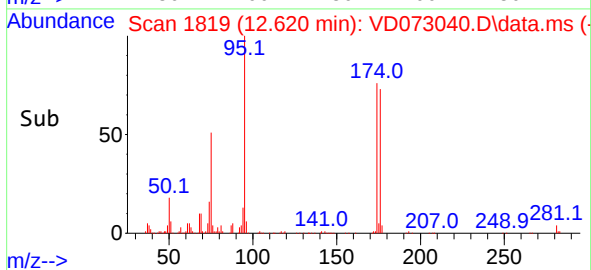
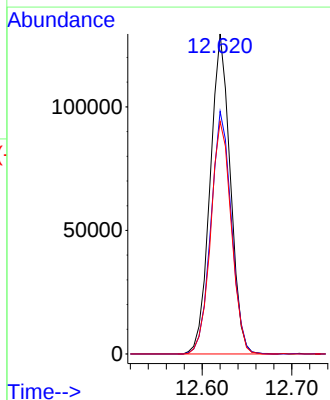
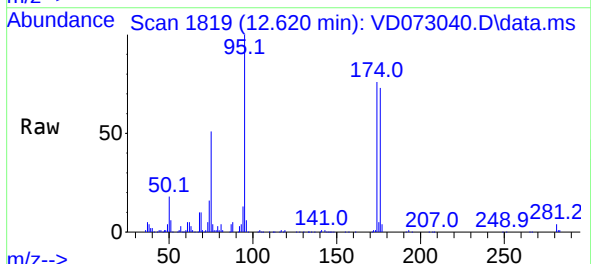
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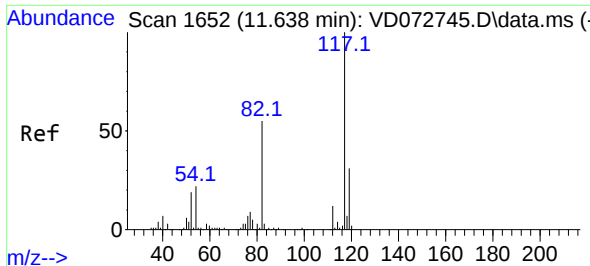
Tgt Ion: 98 Resp: 648560
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 38.974 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073040.D
Acq: 16 May 2022 17:37

Tgt Ion: 95 Resp: 201840
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 74.2 0.0 145.4

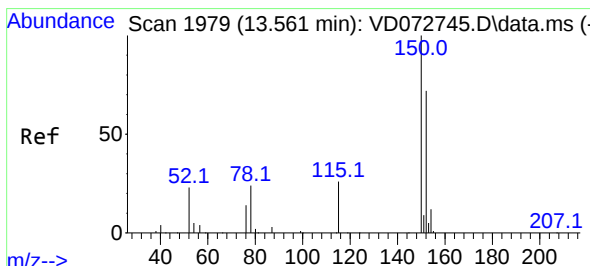
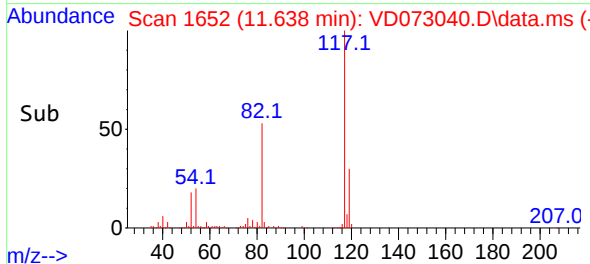
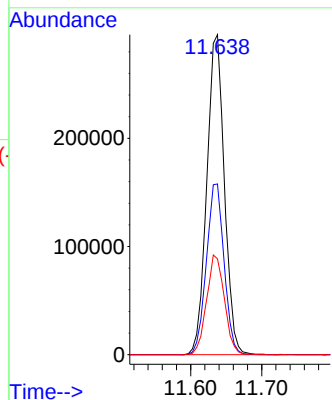
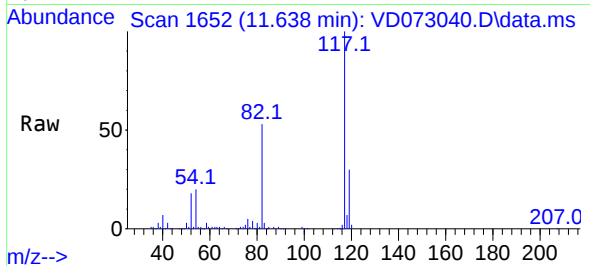




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073040.D
Acq: 16 May 2022 17:37

Instrument :
MSVOA_D
ClientSampleId :
P007-SS012-0006-01

Tgt Ion:117 Resp: 509157
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 30.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073040.D
Acq: 16 May 2022 17:37

Tgt Ion:152 Resp: 177062
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 158.8 0.0 348.6

